ABSTRACT

An object of the invention is to save the trouble of mapping sensor chips on a map information system. A map information management unit 124 is accessed via a network 122. Neighborhood information based on a present position measured by an own position measuring unit 102 is obtained by searching a map DB 127. A sensor information setting unit 106 displays the neighborhood information in a display unit 108. An ID reading unit 104 reads an ID 111 of a sensor chip 110, and registers the ID 111 in the map DB 127 after associating it with equipment information displayed in the display unit 108. The measurement values measured by a sensor 112 are transmitted from an antenna 114 and received by a sensor information receiving unit 119of the receiver 118. A sensor information communication unit 120 accesses the network 122 and the measurements are transmitted to a sensor information management unit 123. The measurement values are accumulated in a sensor DB 126. The sensor DB 126 is searched using a sensor ID associated in the map DB 127 and the measurements are viewed as map information associated with equipment.